

The Auto Repair Reference Center™ database includes automotive repair information supplied by Point 5 Technologies, Inc., under license from Nichols Publishing, the former publisher of Chilton® Information and information from Delphi Integrated Service Solutions. Auto Repair Reference Center contains information on most manufacturers of domestic and imported vehicles.

### **Content includes:**

- More than 31,660 vehicles, from 1945 to present
- Over 205,000 drawings and step-by-step photographs
- Approximately 75,000 technical service bulletins & recalls
- Over 130,000 enhanced wiring diagrams for easy viewing and printing
- Specifications & maintenance schedules

The Main Screen

- Labor Time Guide & Estimator
- Auto/Q
- Quick Tips a complete guide to vehicle ownership & maintenance

All of the content in ARRC has been created by ASE certified technicians. Once you begin using the *Auto Repair Reference Center*, the **main screen** appears with all vehicle years that are available.

### Auto/Q

Designed as an interactive learning aid, Auto/Q features detailed content, full-motion video and animated technical diagrams. Auto/Q can demonstrate the purpose, functionality and service requirements of any vehicle system.



After you have selected the year of your vehicle, choose the make, model and engine size. You are now presented with up to six options:

- Topic: Repair Procedures
- Topic: Service Bulletins and Recalls
- Topic:Wiring Diagrams

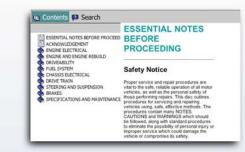
- Topic: Labor
- Topic: Specifications
- Topic: Maintenence Intervals



# Repair Procedures



The Repair Procedures include step-by-step instructions, complete with diagrams and images.



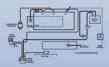
## Service Bulletins & Recalls



There are approximately 72,000 manufacturer-supplied service bulletins and recalls notices available.

# Automatic Trans, Coolers, Torque Converter (1) Aux Equip, Phone, Jacks, Trailer Hitches, Towing (2) Brakes, Power Brakes, Traction Control (2) Chassis Electrical, Wiring, Fuses & Breakers, Wipers, Motors (2) Chemicals, Antifreeze, Additives (1) Cooling, Water Pump, Drive Belts, Pulleys (1) Drive Axles, Shafts, U-Joints, CV-Joints (1) Electronic Devices, Computers, PROMS, Sensors (13) Emission Controls, Vacuum Hoses (5) Finishes, Body Structure, Frame, Bumpers (2) Fuel Sys, Driveability, Filters (Air & Fuel) (1)

# **Wiring Diagrams**



The wiring diagrams contain complete schematics on the electrical system of a vehicle. This includes keys for easy identification.



### **Labor Costs**



Enter the **hourly rates** charged by your mechanic for labor and diagnostics.

Select the appropriate options from the System, SubSystem and Operation drop-down lists.

Click the **Add** button next to each component that applies. Your total labor and diagnostic breakdown is displayed.

Select a System	FUEL.	10)
Select a SubSystem	CARBURETOR (\$)	
Select an Operation	Carburetor, Replace	
Select From the Featu	ires Below	
+/- Feature		Labor/Diagnostic
1981-90 Corolla,	Tercel	1.8
, ,		Hours totalled 0 Labor Charge \$0.00
Total Operations List	ed Below (with Features	s)
Operation (Feature)		LaboriDiagnostic Remove
Operation (Feature)	La	LaboriDiagnostic Remove
Operation (Feature)		Time 1
Operation (Feature)		bor Hours @ \$40.00[0
Operation (Feature)		bor Hours @ \$40.00 0 stic Hours @ \$45.00 0 Total Hours 0
Operation (Feature)	Diagno	bor Hours @ \$40.00 0 stic Hours @ \$45.00 0 Total Hours 0 Cost For Labor \$0.00
Operation (resour)	Diagno	bor Hours @ \$40.00 0 stic Hours @ \$45.00 0 Total Hours  0